

Converting Colors

XYZ(53.8723, 57.7357, 70.6843)

Have a look what the booklet for
XYZ(53.8723, 57.7357, 70.6843)
contains.

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Color

**XYZ(53.7432, 57.6859,
70.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCAD4
RGB	188, 202, 212
RGB Percent	74%, 79%, 83%
CMY	0.2627, 0.2078, 0.1686
CMYK	0.11, 0.05, 0.00, 0.17
HSL	205°, 22%, 78%
HSV	205°, 11%, 83%
XYZ	53.7432, 57.6859, 70.5893
YIQ	198.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

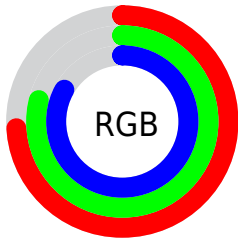
Format	Color
RYB	188, 197, 212
Decimal	12372692
CIELab	80.56, -2.77, -6.61
CIElCh	81, 7.163, 247.292
Yxy	57.6859, 0.2953, 0.3169
Android (android.graphics.Color)	4290562772 (0xFFBCCAD4)
YUV	198.9540, 6.4317, -9.6067
Hunter-Lab	75.9512, -6.6078, -1.9384

Details

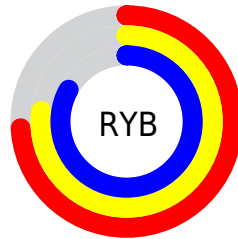
The XYZ color **53.7432, 57.6859, 70.5893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4228, 58.0156, 55.8022**, and the grayscale version is **54.2263, 57.0503, 62.1278**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.6674, 28.7650, 36.0450** is the 20% darker color. If you saturate the color by 10%, you get **46.8867, 51.1643, 69.6928**, and if you desaturate by 10%, it is **61.4888, 64.8450, 71.5638**.

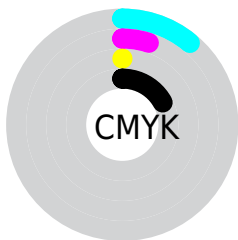
Distribution



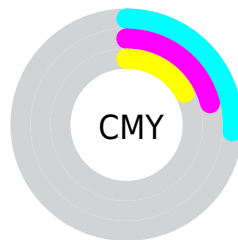
- Red (74%)
- Green (79%)
- Blue (83%)



- Red (74%)
- Yellow (77%)
- Blue (83%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7432, 57.6859, 70.5893 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.7432, 57.6859, 70.5893 by changing the saturation by 10% instead.

■ 53.7432, 57.6859,
70.5893

■ 53.7432, 57.6859,
70.5893

391.3443,
416.0145, 481.4614

■ 38.6262, 41.5562,
51.5273

■ 94.8562, 101.4653,
121.7377

■ 26.6485, 28.7539,
36.2488

121.5829,
129.8838, 154.6613

■ 17.4446, 18.8948,
24.3352

152.9103,
163.1673, 193.0425

■ 10.6493, 11.5943,
15.3680

189.2037,
201.7003, 237.2998

■ 5.8971, 6.4680,
8.9286

230.8285,
245.8671, 287.8518

■ 2.8227, 3.1317,
4.5984

278.1499,

■ 1.0607, 1.2009,

296.0522, 345.1170

1.9591

331.5334,
352.6398, 409.5140

■ 0.0000, 0.0624,
0.5299

■ 0.0000, 0.0000,
0.0000

■ 53.7432, 57.6859,
70.5893

■ 53.7432, 57.6859,
70.5893

■ 46.8867, 51.1643,
69.6928

■ 61.4888, 64.8450,
71.5638

■ 40.8790, 45.2518,
68.8682

■ 70.1517, 72.6543,
72.6146

■ 35.6840, 39.9284,
68.1145

■ 79.7650, 81.1352,
73.7449

■ 31.2610, 35.1700,
67.4291

■ 83.5029, 86.7716,
74.6358

■ 27.5651, 30.9504,
66.8095

■ 86.1277, 92.0212,
75.5107

■ 24.5468, 27.2407,
66.2525

■ 88.8802, 97.5263,
76.4283

■ 22.1493, 24.0084,
65.7550

■ 88.8838, 97.5335,
76.4295

■ 20.3055, 21.2153,
65.3130

■ 19.0533, 19.0924,
64.9693

Harmonies

Analogous

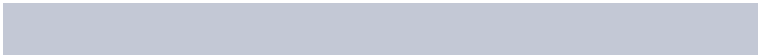
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6074, 57.6859, 67.8510



53.7432, 57.6859, 70.5893



55.1888, 57.6859, 71.1995

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.7432, 57.6859, 70.5893



57.6847, 57.6859, 61.7868



53.1315, 57.6859, 56.5789

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.7432, 57.6859, 70.5893



56.4228, 58.0156, 55.8022

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.4702, 57.6859, 55.1071



53.7432, 57.6859, 70.5893



57.1117, 57.6859, 58.0253

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.7432, 57.6859, 70.5893



57.4816, 57.6859, 65.9920



55.9288, 57.6859, 55.6246



52.2587, 57.6859, 59.7322

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7432, 57.6859, 70.5893



56.1369, 57.6859, 70.2935



55.9288, 57.6859, 55.6246



53.5410, 57.6859, 55.8776

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.7449, 57.6883, 70.5906



91.2832, 96.5616, 108.4348



54.4304, 61.8381, 62.2526



19.3275, 20.4747, 23.1833



0.0000, 0.0000, 0.0000



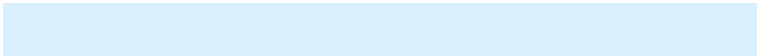
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7449, 57.6883, 70.5906



78.5520, 84.7231, 106.8208



51.1238, 52.4462, 69.7169



12.3385, 13.2005, 15.8352



11.8633, 11.9885, 40.1419



0.7964, 0.8849, 2.4481

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.7966, 54.2289, 63.4064



82.3973, 78.3787, 93.3248



59.1774, 63.5248, 56.7204



12.7241, 12.5411, 14.4872



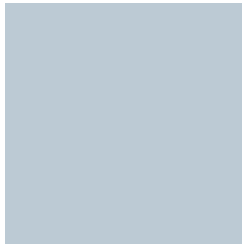
19.0469, 9.5551, 12.8171



1.1896, 0.5926, 0.9881

Previews

White Background



This preview shows how the XYZ color 53.7432, 57.6859, 70.5893 looks on a white background.

Color Contrast Check

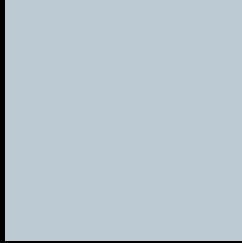
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.7432, 57.6859, 70.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

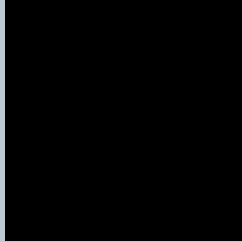
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

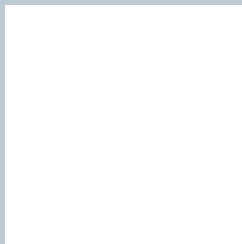
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7432, 57.6859, 70.5893

Background



This preview shows how black text looks on a background with the XYZ color 53.7432, 57.6859, 70.5893.

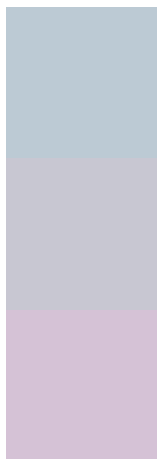


This preview shows how white text looks on a background with the XYZ color 53.7432, 57.6859,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.7432, 57.6859, 70.5893

Protanopia

55.8757, 57.7794, 69.1803

Deuteranopia

58.8700, 57.5847, 71.6305



Tritanopia

54.3973, 57.6019, 73.8969

Trichromacy



Original Color

53.7432, 57.6859, 70.5893

Protanomaly

55.1771, 57.7475, 69.8662

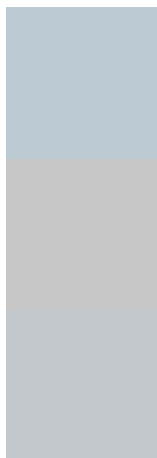
Deuteranomaly

56.8783, 57.5740, 71.0659

Tritanomaly

54.1387, 57.4984, 72.5349

Monochromacy



Original Color

53.7432, 57.6859, 70.5893

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0590, 57.2703, 65.3318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7432, 57.6859, 70.5893 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 202, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 212) }
```

Border

The CSS property to change the border of an element to XYZ 53.7432, 57.6859, 70.5893 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 202, 212) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(188, 202, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(188, 202, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7432, 57.6859, 70.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
202, 212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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